

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under Paperwork Reduction
 Substitute for form 1449/PTO

08/06/04

(Use as many sheets as necessary)

Sheet 2

of 2

Complete if Known

Application Number	09/516,983
Filing Date	01 MAR 2000
First Named Inventor	ELDERING
Art Unit	2614
Examiner Name	SHELEHEDA, JAMES
Attorney Docket Number	8887.3002CONT (T702-02)

U. S. PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>L. E. Smith</i>	Date Considered	1/11/04
-----------------------	--------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Subscriber Characterization System with Filters																																																																								
<p>Application Number: 09/516983</p> <p>Confirmation Number: 3153</p> <p>First Named Applicant: Charles Eldering</p> <p>Attorney Docket Number: 8887.3002CNT (T702-02)</p> <p>Art Unit: 2614</p> <p>Examiner: James R. Sheleheda</p> <p>Search string: (5233423 or 5374951 or 5515098 or 5635989 or 5786845 or 5805974 or 5977964 or 6002394).pn.</p> <p>RECEIVED JUL 23 2004 Technology Center 2600</p>																																																																									
US Patent Documents																																																																									
Note: Applicant is not required to submit a paper copy of cited US Patent Documents																																																																									
<table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>/</td><td>1</td><td>5233423</td><td>1993-08-03</td><td>JERNIGAN</td><td></td><td></td><td></td></tr><tr><td>/</td><td>2</td><td>5374951</td><td>1994-12-20</td><td>WELSH</td><td></td><td></td><td></td></tr><tr><td>/</td><td>3</td><td>5515098</td><td>1996-05-07</td><td>CARLES</td><td></td><td></td><td></td></tr><tr><td>/</td><td>4</td><td>5635989</td><td>1997-06-03</td><td>ROTHMULLER</td><td></td><td></td><td></td></tr><tr><td>/</td><td>5</td><td>5786845</td><td>1998-07-28</td><td>TSURIA</td><td></td><td></td><td></td></tr><tr><td>/</td><td>6</td><td>5805974</td><td>1998-09-08</td><td>HITE</td><td></td><td></td><td></td></tr><tr><td>/</td><td>7</td><td>5977964</td><td>1999-11-02</td><td>WILLIAMS</td><td></td><td></td><td></td></tr><tr><td>/</td><td>8</td><td>6002394</td><td>1999-12-14</td><td>WILLIAMS</td><td></td><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	/	1	5233423	1993-08-03	JERNIGAN				/	2	5374951	1994-12-20	WELSH				/	3	5515098	1996-05-07	CARLES				/	4	5635989	1997-06-03	ROTHMULLER				/	5	5786845	1998-07-28	TSURIA				/	6	5805974	1998-09-08	HITE				/	7	5977964	1999-11-02	WILLIAMS				/	8	6002394	1999-12-14	WILLIAMS			
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																																																		
/	1	5233423	1993-08-03	JERNIGAN																																																																					
/	2	5374951	1994-12-20	WELSH																																																																					
/	3	5515098	1996-05-07	CARLES																																																																					
/	4	5635989	1997-06-03	ROTHMULLER																																																																					
/	5	5786845	1998-07-28	TSURIA																																																																					
/	6	5805974	1998-09-08	HITE																																																																					
/	7	5977964	1999-11-02	WILLIAMS																																																																					
/	8	6002394	1999-12-14	WILLIAMS																																																																					
Signature																																																																									
<table border="1"><tr><td>Examiner Name</td><td>Date</td></tr><tr><td><i>James R. Sheleheda</i></td><td>1/11/04</td></tr></table>		Examiner Name	Date	<i>James R. Sheleheda</i>	1/11/04																																																																				
Examiner Name	Date																																																																								
<i>James R. Sheleheda</i>	1/11/04																																																																								

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0



Title of Invention

Subscriber Characterization System with Filters

Application Number: 09/516983

Confirmation Number: 3153

First Named Applicant: Charles Eldering

Attorney Docket Number: 8887.3002CONT

Art Unit: 2614

Examiner: James R Sheleheda

Search string: (4573072 or 5251324 or 5287181 or 5550928 or 5754938 or 5774664 or 5790935 or 5818935 or 5819156 or 5857190 or 5956637 or 5974299 or 6018710 or 6088722 or 6133912 or 6160570 or 6236978 or 6286005 or 6286140 or 6327574 or 6457010 or 6684194 or 5231494 or 5559549 or 5977964 or 6160989 or 6460036 or 6324519 or 6298348 or 6446261 or 6463585 or 6216129).pn.



RECEIVED

AUG 09 2004

Technology Center 2600

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	1	4573072	1986-02-01	FREEMAN			
2	2	5251324	1993-10-01	MCMULLAN			
3	3	5287181	1994-02-01	HOLMAN			
4	4	5550928	1996-08-01	LU			
5	5	5754938	1998-05-01	HERZ			
6	6	5774664	1998-06-01	HIDARY			
7	7	5790935	1998-08-01	PAYTON			
8	8	5818935	1998-10-01	MAA			
9	9	5819156	1998-10-01	BELMONT			
10	10	5857190	1999-01-01	BROWN			
11	11	5956637	1999-09-01	ERICSSON			
12	12	5974299	1999-10-01	MASSETTI			
13	13	6018710	2000-01-01	WYNBLATT			
14	14	6088722	2000-07-01	HERZ			
15	15	6133912	2000-10-01	MONTERO			
16	16	6160570	2000-12-01	SITNIK			

Best Available Copy

17	6236978	2001-05-01	TUZHILIN
18	6286005	2001-09-01	CANNON
19	6286140	2001-09-01	IVANYI
20	6327574	2001-12-01	KRAMER
21	6457010	2002-09-04	ELDERING
22	6684194	2004-01-27	ELDERING
23	5231494	1993-07-27	WACHOB
24	5559549	1988-05-01	HASHIMOTO
25	5977964	1999-11-01	WILLIAMS
26	6160989	2000-12-01	HENDRICKS
27	6460036	2002-10-01	HERZ
28	6324519	2001-11-27	ELDERING
29	6298348	2001-10-02	ELDERING
30	6446261	2002-09-01	ROSSER
31	6463585	2002-10-01	HENDRICKS
32	6216129	2001-04-01	ELDERING

RECEIVED

AUG 09 2004

Technology Center 2600

Signature

Examiner Name	Date
<i>Ja. Shubel</i>	1/11/04

Rest Available Copy

SUB_TYPE=Information_Disclosure_Statement EFS_ID=66088 APP_ID=09516983 DOC_TYPE=us-ids

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

08/06/04

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known


Application Number	09/516,983
Filing Date	01 MAR 2000
First Named Inventor	ELDERING
Art Unit	2614
Examiner Name	SHELEHEDA, JAMES
Attorney Docket Number	8887.3002CONT (1702-02)

Sheet	1	of	2
-------	---	----	---

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ² * Number* Kind Code ³ (if known)	MM-DD-YYYY		
	BU	CA2323166	04-13-2001	BACSO	
	BV	WO0049801	08-24-2000	YUEN	
	BW	WO9965237	12-16-1999	ISMAIL	
	BX	WO9952285	10-14-1999	HENDRICKS	
	BY	WO9960789	11-25-1999	KNEE	
	BZ	WO0022818	04-20-2000	YUEN	

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.